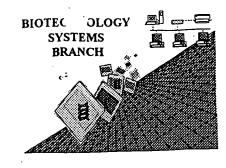
# TECH CENTER 1600/2000

# RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	08/930,480B
Source:	1600
Date Processed by STIC:	6/22/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: <a href="mailto:patin21help@uspto.gov">patin21help@uspto.gov</a> or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: <a href="mailto:patin3help@uspto.gov">patin3help@uspto.gov</a> or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

### Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker



## JUL 1 6 2001

# Raw Sequence Listing Error Summary

TECH CENTER 1600/2900

ERROR DETECTED	SUGGESTED CORRECTION SERIAL NUMBER: 08/930,480B	
ATTN: NEW RULES CASES:	PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE	
IWrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers, use space characters, instead.	
4Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5Variable Length	Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6PatenUn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
•	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped	
• • • • •	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8Skipped Sequences (NEW RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
(NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing.  Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
	Sequence(s) 4-26 missing the <220> "Feature" and associated numeric identifiers and responses.  Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
"bug"	Please do not use "Copy to Disk" function of Patentln version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	

AMC - Biotechnology Systems Branch - 06/04/2001

DATE: 06/22/2001 RAW SEQUENCE LISTING m1-5 PATENT APPLICATION: US/08/930,480B TIME: 10:45:12 Input Set : A:\ST95021sqlt.txt Output Set: N:\CRF3\06222001\H930480B.raw 3 <110> APPLICANT: BRACCO, Laurent SCHWEIGHOFFER, Fabien Does Not Comply TOCQUE, Bruno Corrected Diskette Needed 7 <120> TITLE OF INVENTION: Conditional Expression System 9 <130> FILE REFERENCE: ST95021-US 11 <140> CURRENT APPLICATION NUMBER: 08/930,480B 12 <141> CURRENT FILING DATE: 1998-01-21 14 <150> PRIOR APPLICATION NUMBER: PCT/FR96/00477 15 <151> PRIOR FILING DATE: 1996-03-29 17 <150> PRIOR APPLICATION NUMBER: FR95/-3841 18 <151> PRIOR FILING DATE: 1995-03-31 20 <160> NUMBER OF SEQ ID NOS: 35 22 <170> SOFTWARE: PatentIn version 3.0 24 <210> SEO ID NO: 1 25 <211> LENGTH: 19 26 <212> TYPE: DNA 27 <213> ORGANISM: Escherichia coli 29 <400> SEQUENCE: 1 30 tctctatcac tgataggga 19 33 <210> SEQ ID NO: 2 34 <211> LENGTH: 17 35 <212> TYPE: DNA .36 <213> ORGANISM: Bacteriophage lambda 38 <400> SEQUENCE: 2 39 tatcaccgca agggata 42 <210> SEQ ID NO: 3 43 <211> LENGTH: 74 44 <212> TYPE: PRT 45 <213> ORGANISM: Homo sapiens 47 <400> SEQUENCE: 3 49 Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg 52 Glu Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys 20 25 55 Asp Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser Ser 35 40 45

61 Met Phe Lys Thr Glu Gly Pro Asp Ser Asp 62 65

64 <210> SEQ ID NO: 4

65 <211> LENGTH: 768

66 <212> TYPE: DNA 67 <213> ORGANISM: Artificial sequence

58 His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu

.

55

70

W--> 69 <220 > FEATURE:

W--> 69 <223% OTHER INFORMATION:

69 <400> SEQUENCE: 4

) see den 11 on Evra burnay Sheet (global evra)

DATE: 06/22/2001

TIME: 10:45:12

Input Set : A:\ST95021sqlt.txt Output Set: N:\CRF3\06222001\H930480B.raw 70 ttactcgcgg cccagccggc catggcccag gtgcagctgc agcagtctgg ggcagagctt 60 72 gtaaggtcag gggcctcagt caagttgtcc tgcacagctt ctggcttcaa cattaaagac 120 74 tactatatgc actgggtgaa gcagaggcct gaacagggcc tggagtggat tggatggatt 180 76 gatectaaga atggtgatac tgaataigee eegaagttee agggenagge cactatgact 240 78 gcagacacat cctccaatac agcctacctg cagctcagca gcctggcatc tgaggacact 300 80 gccgtgtatt attgtaattt ttacggggat gctttggact attggggcca agggaccacg 360 82 gtcaccgtct cctcaggtgg aggcggttca ggcggaggtg gctctggcgg tggcggatcg 420 84 gatgttttga tgacccaaac tccactcact ttgtcggtta ccattggaca accagcctcc 480 86 atctcttgca agtcaagtca gagcctcttg gatagtgatg gaaaaacata tttgaattgg 540 88 ttgttacaga ggccaggcca gtctccaaag cgcctaatct atctggtgtc taaactggac 90 tetggagtee etgacaggtt caetggeagt ggateaggga eagattteae aettaaaate 660 92 aacagagtgg aggctgagga tttgggagtt tattattgct ggcaaggtac acattctccg 720 94 cttacgttcg gtgctggcac caagctggaa attaaacggg cggccgca 768 97 <210> SEQ ID NO: 5 98 <211> LENGTH: 15 99 <212> TYPE: PRT 100 <2±3 ORGANISM: Artificial Sequence
102 <220 FEATURE: ) same lund W--> 102/<220> FEATURE: W--> 102 < 223 OTHER INFORMATION: 102 <400> SEQUENCE: 5 104 Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser 105 1 107 <210> SEQ ID NO: 6 108 <211> LENGTH: 10 109 <212> TYPE: PRT 110 <212 ORGANISM: Artificial Sequence W--> 112/<220> FEATURE: some W--> 112 <223 ✓ OTHER INFORMATION: 112 <400> SEQUENCE: 6 114 Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser 115 1 117 <210> SEQ ID NO: 7 118 <211> LENGTH: 30 119 <212> TYPE: DNA 120 <213> ORGANISM: Artificial sequence W--> 122/<220 FEATURE: same W--> 122 <223 OTHER INFORMATION: 122 <400> SEQUENCE: 7 123 cccaagccca gtacccccc aggttcttca 30 126 <210> SEQ ID NO: 8 127 <211> LENGTH: 6 128 <212> TYPE: PRT 129 <213> ORGANISM: Artificial sequence W--> 131/<220> FEATURE: same W--> 131 (223) OTHER INFORMATION: 131 <400> SEQUENCE: 8 133 Met Asn Arg Leu Gly Lys 136 <210> SEQ ID NO: 9

RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/930,480B

### RAW SEQUENCE LISTING

PATENT APPLICATION: US/08/930,480B

DATE: 06/22/2001 TIME: 10:45:12

Input Set : A:\ST95021sqlt.txt

Output Set: N:\CRF3\06222001\H930480B.raw

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137 <211> LENGTH: 18
     138 <212> TYPE: DNA
                                                    sane even
     139 <213 ORGANISM: Artificial sequence
W--> 141/<2207 FEATURE:
W--> 141 <223 OTHER INFORMATION:
     141 <400> SEQUENCE: 9
     142 atgaaccggc tgggcaag
                                                                                  18
     145 <210> SEQ ID NO: 10
     146 <211> LENGTH: 11
     147 <212> TYPE: PRT
     148 <213 ORGANISM: Artificial Sequence
W--> 150 (<220>) FEATURE:
W--> 150 \(223\) OTHER INFORMATION:
     150 <400> SEQUENCE: 10
     152 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
     153 1
     155 <210> SEQ ID NO: 11
     156 <211> LENGTH: 33
     157 <212> TYPE: DNA
     158 <213> ORGANISM: Artificial sequence
W--> 160 <220 > FEATURE:
W--> 160 <223 OTHER INFORMATION:
     160 <400> SEQUENCE: 11
     161 gaacaaaac tcatctcaga agaggatctg aat
     164 <210> SEQ ID NO: 12
     165 <211> LENGTH: 7
     166 <212> TYPE: PRT
167 <21-3 ORGANISM: Artificial sequence W--> 169 (220) FEATURE:
W--> 169 (223) OTHER INFORMATION:
     169 <400> SEQUENCE: 12
     171 Pro Lys Lys Lys Arg Lys Val
     174 <210> SEQ ID NO: 13
     175 <211> LENGTH: 4
     176 <212> TYPE: PRT
     177 <21,3> ORGANISM: Artificial sequence
W--> 179 (220) FEATURE:
W--> 179 ⟨<223⟩ OTHER INFORMATION:
     179 <400> SEQUENCE: 13
     181 Leu Lys Leu Lys
     182 1
     184 <210> SEO ID NO: 14
     185 <211> LENGTH: 4
     186 <212> TYPE: PRT
     187 <223 ORGANISM: Artificial sequence
W--> 189 (<220>\FEATURE:
W--> 189 \223 \ OTHER INFORMATION:
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189 <400> SEQUENCE: 14

RAW SEQUENCE LISTING

DATE: 06/22/2001 TIME: 10:45:12

PATENT APPLICATION: US/08/930,480B

Input Set : A:\ST95021sqlt.txt Output Set: N:\CRF3\06222001\H930480B.raw

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191 Leu Lys Lys Leu
     192 1
     194 <210> SEQ ID NO: 15
     195 <211> LENGTH: 23
     196 <212> TYPE: DNA
     197 <213> ORGANISM: Artificial sequence
W--> 199 <220> FEATURE:
W--> 199 <223> OTHER INFORMATION:
     199 <400> SEQUENCE: 15
                                                                                23
     200 gatcctatca ccgcaaggga taa
     203 <210> SEQ ID NO: 16
     204 <211> LENGTH: 23
     205 <212> TYPE: DNA
     206 <213> ORGANISM: Artificial sequence
W--> 208 <220> FEATURE:
W--> 208 <223> OTHER INFORMATION:
     208 <400> SEQUENCE: 16
                                                                                23
     209 gatagtggcg ttccctattt cga
     212 <210> SEQ ID NO: 17
     213 <211> LENGTH: 76
     214 <212> TYPE: DNA
     215 <213> ORGANISM: Artificial sequence
W--> 217 <220> FEATURE:
W--> 217 <223> OTHER INFORMATION:
     217 <400> SEOUENCE: 17
     218 ggetetagae ecaageeeag taeceeecea ggttetteaa egegtggate eatgteeaga
     220 ttagataaaa gtaaag
     223 <210> SEQ ID NO: 18
     224 <211> LENGTH: 51
     225 <212> TYPE: DNA
     226 <213> ORGANISM: Artificial sequence
W--> 228 <220> FEATURE:
W--> 228 <223> OTHER INFORMATION:
     228 <400> SEQUENCE: 18
                                                                                51
     229 cgtacggaat tcgggccctt actcgaggga cccactttca catttaagtt g
     232 <210> SEQ ID NO: 19
     233 <211> LENGTH: 76
     234 <212> TYPE: DNA
     235 <213> ORGANISM: Artificial sequence
W--> 237 <220> FEATURE:
W--> 237 <223> OTHER INFORMATION:
     237 <400> SEQUENCE: 19
     238 ggctctagac ccaagcccag tacccccca ggttcttcaa cgcgtggatc catggaacaa
     240 cgcataaccc tgaaag
     243 <210> SEQ ID NO: 20
     244 <211> LENGTH: 51
     245 <212> TYPE: DNA
     246 <213> ORGANISM: Artificial sequence
W--> 248 <220> FEATURE:
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RAW SEQUENCE LISTING

DATE: 06/22/2001 TIME: 10:45:12

PATENT APPLICATION: US/08/930,480B

Input Set : A:\ST95021sqlt.txt

Output Set: N:\CRF3\06222001\H930480B.raw

Jane enns 249 cqtacqqaat tcqqqccctt actcqaqtqc tqttgttttt ttgttactcg g

252	<210>	SEQ ID NO: 21
253	<211>	LENGTH: 35

W--> 248 <223> OTHER INFORMATION: 248 <400> SEQUENCE: 20

254 <212> TYPE: DNA

255 <213> ORGANISM: Artificial sequence

W--> 257 <220> FEATURE:

### W--> 257 <223> OTHER INFORMATION:

257 <400> SEOUENCE: 21

258 caggccatgg catgaagaaa ccactggatg gagaa

35

37

261 <210> SEQ ID NO: 22 262 <211> LENGTH: 43

263 <212> TYPE: DNA

264 <213> ORGANISM: Artificial sequence

W--> 266 <220> FEATURE:

### W--> 266 <223> OTHER INFORMATION:

266 <400> SEQUENCE: 22

43 267 cgtcggatcc tctagatgcg gccgcgtctg agtcaggccc ttc

270 <210> SEQ ID NO: 23 271 <211> LENGTH: 31

272 <212> TYPE: DNA

273 <213> ORGANISM: Artificial sequence

W--> 275 <220> FEATURE:

### W--> 275 <223> OTHER INFORMATION:

275 <400> SEQUENCE: 23

276 caggetegag aagaaaceae tggatggaga a 31

279 <210> SEQ ID NO: 24

280 <211> LENGTH: 61

281 <212> TYPE: DNA

282 <213> ORGANISM: Artificial sequence

W--> 284 <220> FEATURE:

### W--> 284 <223> OTHER INFORMATION:

284 <400> SEQUENCE: 24

285 caggetegag eccaageeca gtaeceecee aggttettea aagaaaceae tggatggaga 60

287 a

290 <210> SEQ ID NO: 25

291 <211> LENGTH: 37

292 <212> TYPE: DNA

293 <213> ORGANISM: Artificial sequence

W--> 295 <220> FEATURE:

### W--> 295 <223> OTHER INFORMATION:

295 <400> SEQUENCE: 25

296 ggtcgaattc gggccctcag tctgagtcag gcccttc

299 <210> SEQ ID NO: 26

300 <211> LENGTH: 29

301 <212> TYPE: DNA

302 <213> ORGANISM: Artificial sequence

W--> 304 <220> FEATURE:

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

### VERIFICATION SUMMARY

L:69 M:258 W: Mandatory Feature missing, <220> FEATURE:

DATE: 06/22/2001 TIME: 10:45:13 PATENT APPLICATION: US/08/930,480B

Input Set : A:\ST95021sqlt.txt

Output Set: N:\CRF3\06222001\H930480B.raw

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L:112 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:112 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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VERIFICATION SUMMARY

DATE: 06/22/2001

PATENT APPLICATION: US/08/930,480B

TIME: 10:45:13

Input Set : A:\ST95021sqlt.txt

Output Set: N:\CRF3\06222001\H930480B.raw

L:322 M:258 W: Mandatory Feature missing, <220> FEATURE:

L:322 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION: